

ABSTRACT

A transversely moving cable control for operating devices such as the brakes or gear shift of a bicycle. In one embodiment a lever is rotatably attached to a hollow base plate. Rotation of the lever away from the base plate transversely moves the portion of a cable between a cable guide in the base plate and an exit aperture in the lever to create a pulling force on one or both ends of the cable. Meanwhile, the cable guide and the exit aperture maintain the portion of the cable outside the transversely moving cable control in substantially the original position of such cable. An alternate embodiment accomplishes these same functions by using a substantially U-shaped housing having cable guides in the ends of the legs of such housing to maintain the outer portions of the cable in substantially their original position while employing a pulley inside a block that is drawn toward an aperture in the second end of the U-shaped housing to transversely move the intermediate portion of the cable.